

ABSTRACT

A method provides efficient data transmission between an input-output card with an add-on memory card and a host system. The input-output card carrying an inserted memory card is connected with the host system to improve the mechanical strength of the arrangement. An input-output controller on the input-output card controls a switch that switches between data buses. The memory card and the input-output card optionally share all data buses of the input-output card to transmit data with the host system, directly transmit data between each other, or respectively use a portion of them to achieve a better transmitting efficiency.